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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Sudan (III) Powder**  
**Batch No.** : **224585**  
**Date of Mfg** : **April 2021**  
**Date of Exp** : **March 2026**  
**Register No.** : **2021-22**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **April 2021**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Dark red powder
2.	Solubility 0.1% (in Toluene)	Passes	Clear red solution
3.	Absorptivity 1%/1cm, at $\lambda$ max.509.0 nm	896	> 870
4.	Dye Contents (by spectrophotometry)	82.8%	> 80%
5.	Loss on drying at 110°C	0.71%	< 1%

**Chief Chemist**